WHAT IS CLAIMED IS:

A process of producing a vehicle grille guard comprising the steps of: injecting a plastic resin into a mold cavity in an amount less than the total volume of said mold cavity;

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injecting an inert gas into a center portion of said cavity; and forming a hollow gas channel extending throughout said center portion. forcing said plastic resin to flow along an outer surface of said cavity;

wherein said grille guard obtains a substantially smooth exterior surface as said resin flows along said outer surface of said cavity.

- 2. The process according to claim 1, wherein said plastic resin is a thermoplastic resin.
- 3. The process according to claim 1, wherein said plastic resin is selected from the group consisting of acrylonitrile-butadiene-styrenes, acrylonitrile-butadienestyrene/polycarbonate blends, polyesters, polyvinyls, polycarbonate/polyester blends, and mixtures thereof.
- 4. The process according to claim 1, wherein said inert gas is selected from the group consisting of air, helium, neon, argon, carbon dioxide, nitrogen, and mixtures thereof.

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- 5. The process according to claim 1, wherein said smooth exterior surface is a Class A surface.
- 6. The process according to claim 1, wherein said vehicle grille guard is formed as one component.
- 7. The process according to claim 1, wherein said vehicle grille guard comprises multiple components.
- 8. The process according to claim 7, wherein said vehicle grille guard further comprises brush guard components.
- 9. A vehicle grille guard produced by gas-assisted injection molding according to a process comprising the steps of:

injecting a plastic resin into a mold cavity in an amount less than the total volume of said mold cavity;

injecting an inert gas into enter portion of said cavity; and

forming a hollow gas channel extending throughout said center portion, forcing said plastic resin to flow along an outer surface of said cavity;

wherein said grille guard obtains a substantially smooth exterior surface as said resin flows along said outer surface of said cavity.



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- 10. The grille guard according to claim 9, comprising a body including a pair of spaced vertically disposed bars having first and second ends and a pair of horizontally extending bars connected to and extending transversely from said vertically disposed bars, wherein each of said vertically disposed bars includes a substantially flat portion located at said second end of said bar for mounting to said vehicle.
- 11. The grille guard according to claim 9, wherein said plastic resin is a thermoplastic resin.
- 12. The grille guard according to claim 9, wherein said plastic resin is selected from the group consisting of acrylonitrile-butadiene-styrenes, acrylonitrile-butadiene-styrene/polycarbonate blends, polyesters, polyvinyls, polycarbonate/polyester blends, and mixtures thereof.
- 13. The grille guard according to claim 9, wherein said inert gas is selected from the group consisting of air, helium, neon, argon, carbon dioxide, nitrogen, and mixtures thereof.
- 14. The grille guard according to claim 9, wherein said smooth exterior surface is a Class A surface.

- 15. The grille guard according to claim 10, wherein said grille guard is formed as one component.
- 16. The grille guard according to claim 15, wherein said pair of horizontally extending bars comprise an elongated loop.
- 17. The grille guard according to claim 10, wherein said grille guard comprises multiple components.
- 18. The grille guard according to claim 17, wherein said grille guard comprises brush guard components connected to said horizontally extending bars.